

ABSTRACT OF THE DISCLOSURE

Disclosed is a flat panel display capable of improving a white balance by making channel regions of transistors of R, G and B unit pixels with different current mobilities. The flat panel display includes a plurality of pixels, each of the pixels including R, G and B unit pixels to
5 embody red (R), green (G) and blue (B) colors, respectively, and each of the unit pixels including at least one transistor. Channel layers of the transistors of at least two unit pixels among the R, G and B unit pixels have different current mobilities from one another. The R, G, B unit pixels includes transistors and the transistor of at least one unit pixel among the R, G and B unit pixels includes the channel layer made of silicon layers of different film qualities.